

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF HEALTH

THOMAS W. GEORGE, JR., M.D.
SECRETARY OF HEALTH

P. O. BOX 90

HARRISBURG 17120

JUL 11 1968

Certified Mail

The City of Erie
Erie County

Hammernill Paper Company
Box 1140
Erie, Pennsylvania

SUBJECT: Industrial Wastes Permit No. 3681008

Gentlemen:

The enclosed permit has been issued pursuant to action taken by the Department of Health between sessions of the Sanitary Water Board. Under the provisions of Section 2109 of the Administrative Code of 1929, as amended, such action may be rescinded or revoked by the Board at its session on July 17, 1968. If the Board rescinds or revokes the permit, or takes any other action affecting it, you will be notified.

We believe the permit is self-explanatory. It should be carefully studied and if any conditions are not clear, please contact the Regional Sanitary Engineer for your area.

Very truly yours,

Floyd O. Collins, Jr.
Acting Chief
Staff Services Section
Division of Sanitary Engineering

Enclosures - Permit
Standard Conditions
List of Regional Sanitary Engineers

OMB:ajh

cc: Staff Services (2)

File

Wayne C. Bellaman, Reg. San. Engr., Human Services, Region VI
Industrial Wastes Section
Erie County Health Department

AR101918

COMMONWEALTH OF PENNSYLVANIA



DEPARTMENT OF HEALTH
SANITARY WATER BOARD
HARRISBURG

11 July '68

INDUSTRIAL WASTES PERMIT
No. 3681008

Disposal Well #3

The Sanitary Water Board, which by virtue of the Act of April 9, 1929, P. L. 177, known as The Administrative Code of 1929, and the amendments thereto, and of the Act of June 22, 1937, P. L. 1987, as amended by the Act of May 8, 1945, P. L. 435, is empowered to exercise certain powers and perform certain duties "To preserve and improve the purity of the waters of the Commonwealth for the protection of public health, animal and aquatic life, and for industrial consumption, and recreation; *****", hereby issues this permit to the Hammermill Paper Company, Box 1440, Erie, Pennsylvania for the construction and operation of Well No. 3 for the disposal of waste pulping liquor from its pulp and paper mill located in the City of Erie, Erie County and discharge therefrom to underground waters, as shown on plans and described in a report accompanying application No. 3681008.

These plans are hereby approved subject, nevertheless, to the condition that the waste treatment plant constructed under said plans will produce an effluent satisfactory to the Sanitary Water Board. By this approval, neither the Board nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the efficiency of the operation of the plant to be constructed thereunder.

AR101919

Industrial Wastes
Permit No. 3681008

This permit is subject to the following special conditions:

- A. The approval herein granted is predicated upon the claims made by the permittee's design engineers in the data supporting the application as to the containment of the wastes in the strata specified. Should the wastes migrate from the specified strata, the permittee, upon notice from the Board, shall cease the operation of this waste disposal facility.
- B. Approval of plans refers to waste treatment and not structural stability, which is assumed to be sound and in accordance with good structural design. Failure, because of faulty structural design or poor construction, of the works herein approved will render the permit void.
- C. Extreme care shall be exercised in the handling of all raw, finished and waste materials to prevent spills or unusual discharges to waters of the Commonwealth.
- D. The permittee shall provide means for measuring and recording the volume of waste water disposed of daily.
- E. No radical changes shall be made in the works herein approved unless the permittee shall first submit to the Sanitary Water Board plans and report setting forth the proposed changes, and receive written approval thereon. No construction shall be undertaken without such approval.
- F. The discharge of untreated or improperly treated industrial wastes to the waters of the Commonwealth is contrary to the requirements of the Sanitary Water Board. If, because of accidental breakdown of the treatment works or plant equipment or for other reason, any such discharge should occur, then the operation of the mill or process producing such discharge shall be discontinued until repairs to the treatment works or other satisfactory measures to prevent stream pollution shall have been completed.

This permit is also subject to the following STANDARD CONDITIONS RELATING TO INDUSTRIAL WASTES effective January 1, 1941, attached hereto:

1, 2, 3, 6, 7, 8, 10, 13, 14, and 17.

DEPARTMENT OF HEALTH

Donald A. Lazarchik, Chief
Industrial Wastes Section

Harrisburg, Pennsylvania

JUL 11 1968

AR101920

Handwritten signature/initials

PENNSYLVANIA DEPARTMENT OF HEALTH
SANITARY WATER BOARD

STANDARD CONDITIONS RELATING TO INDUSTRIAL WASTES

Effective January 1, 1941

- ✓ ONE: All relevant and non-superseded conditions of prior industrial waste permits, decrees, or orders issued to the herein named permittee or his predecessor shall be continued in full force and effect.
- ✓ TWO: During construction no radical changes shall be made from the plans, designs, and other data herein approved unless the permittee shall first submit each such revision to the Sanitary Water Board and receive written approval thereof.
- ✓ THREE: The works shall be constructed under expert engineering supervision and competent inspection, and in accordance with the plans, designs, and other data as herein approved or amended, and the conditions of this permit.
- FOUR: No storm water from pavements, areaways, roofs, or other sources shall be admitted to the works herein approved, which shall be used exclusively for the treatment of industrial wastes.
- FIVE: The outfall sewer or drain shall be extended to low water mark of the receiving body of water in such a manner as to insure the satisfactory dispersion of its effluent thereinto; insofar as practicable it shall have its outlet submerged; and shall be constructed of cast iron, concrete, or other material approved by the Division of Sanitary Engineering; and shall be so protected against the effects of flood water, ice, or other hazards as to reasonably insure its structural stability and freedom from stoppage.
- SIX: When the herein approved industrial waste treatment works is constructed and before it is placed in operation, the permittee shall notify the State Department of Health so that an inspection of the works may be made by a representative of the Department.
- ✓ SEVEN: The various structures and apparatus of the industrial waste treatment works herein approved shall be maintained in proper condition so that they will individually and collectively perform the functions for which they were designed.
- ✓ EIGHT: The screenings and sludge shall be so handled that a nuisance is not created and shall be disposed of in a sanitary manner to the satisfaction of the Division of Sanitary Engineering of the Department of Health.

NINE: The settled solids shall at no time be permitted to accumulate in the sedimentation basin(s) to a depth greater than one third that of the basin(s) as constructed and the settled material removed shall be handled and disposed of in a manner satisfactory to the Division of Sanitary Engineering of the Department of Health and so that a nuisance is not created.

TEN: The permittee shall keep records of operation and efficiency of the waste treatment works and shall submit to the State Department of Health, promptly at the end of each month, such report thereon as may be directed by the Division of Sanitary Engineering of the said Department.

ELEVEN: Since the herein approved works employ principles not heretofore considered conventional in the treatment of similar industrial wastes, they must be regarded as experimental and the final opinion of the Sanitary Water Board will depend on actual performance in eliminating the objectionable characteristics of the waste waters as discharged from the works in question.

TWELVE: In view of the possibility of the production of industrial waste waters containing objectionable characteristics which the treatment works herein considered may not be capable of correction or eliminating, the said waste treatment works must be regarded as experimental and the final opinion of the Sanitary Water Board will depend on the consistent production of a satisfactory effluent.

THIRTEEN: The right to discharge the effluent from the herein approved industrial waste treatment works into the waters of the Commonwealth is specifically made contingent upon such operation of these works as will produce an effluent of a quality satisfactory for discharge into the receiving body of water. If, in the opinion of the Sanitary Water Board, these works are not so operated or if by reason of change in the character of wastes or increased load upon the works, changed use or condition of the receiving body of water, or otherwise, the said effluent ceases to be satisfactory for such discharge, then upon notice by the Board the right herein granted to discharge such effluent shall cease and become null and void and, within the time specified by the Board, the permittee shall adopt such remedial measures as will produce an effluent which, in the opinion of the Board, will be satisfactory for discharge into the said receiving body of water.

FOURTEEN: If at any time the industrial waste treatment works of the permittee, or any part thereof, or the discharge of the effluent therefrom, shall have created a public nuisance, or such discharge is or may become inimical and injurious to the public health or to animal or aquatic life or to the use of the receiving body of water for domestic or industrial consumption, or for recreation, the permittee shall forthwith adopt such remedial measures as the Sanitary Water Board may advise or approve.

✓FIFTEEN: The improvements being effected in the waters of the Commonwealth through the progressive, sanitary clean-up of streams by the Sanitary Water Board render the effects of industrial wastes upon these waters increasingly harmful or inimical to the public interest, in consequence of which the time should be anticipated when such industrial wastes must be suitably modified prior to their discharge thereto.

Therefore, the permittee is hereby notified that when the Sanitary Water Board shall have determined that the public interests require the treatment or further treatment of the industrial wastes of the permittee, then the permittee shall, upon notice by the Board, within the time specified, submit to the Board for its approval, plans and a report providing for the degree of treatment of the permittee's industrial wastes specified by the Board and after approval thereof shall construct such works in accordance with the directions of the Board.

SIXTEEN: The permittee shall secure any necessary permission from the proper federal authority for any outfall or industrial waste treatment structure which discharges into or enters navigable waters and shall obtain from the State Water and Power Resources Board approval of any stream crossing, encroachment, or change of natural stream conditions coming within the jurisdiction of the said Board.

✓SEVENTEEN: Nothing herein contained shall be construed to be an intent on the part of the Sanitary Water Board to approve any act made or to be made by the permittee inconsistent with the permittee's lawful powers or with existing laws of the Commonwealth regulating industrial wastes and the practice of professional engineering, or shall be construed as approval of the structural adequacy of the approved structures; nor shall this permit be construed to permit any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

Application No. 3681008

HAMMERMILL PAPER COMPANY

City of Erie
Erie County

Mr. J. J. H. and Regional Engineers report on the subject case
have been reviewed and found satisfactory, and the approval of the
City Engineer is recommended.

July 8, 1968

O. L. Siebert, Jr.

O. L. Siebert, Jr.
Assistant Chief - Facilities

July 8, 1968

D. A. Lenzelick

Daniel A. Lenzelick, Chief
Industrial Waste Section

AR101924

GRANT NO.
INDUSTRIAL RESEARCH FL. DIV.
NO. 368/508.

1. permit to John J. Miller Paper Company
(name)
Box 1440 Erie, Pa.
(mailing address)
2. for the (modification and) operation of Well No. 3 waste treatment facilities for (construction and)
(of existing well from its old and paper mill
(cigarette, dairy, textile plant, etc.)
3. located in The City of Erie Erie County
(borough, township or city)
4. and discharges therefrom to underground waters
(stream)
5. John J. Miller
(address)
6. as shown on [X] Plan(s) and described in [X] Report(s) specifications
7. accompanying application No. 3681008

These plans are hereby approved subject, nevertheless, to the condition that the waste treatment plant constructed under said plans will produce an effluent satisfactory to the Sanitary Water Board. By this approval, neither the Board nor the Commonwealth of Pennsylvania assumes any responsibility for the feasibility of the plans or the efficiency of the operation of the plant to be constructed thereunder.

8. This permit is issued subject to the following Special Conditions:

A. E. from R.I. report - ("design" engineers)
B. R.I.
C. T
D. ~~EX~~ B. from R.I. report
E. ~~EX~~
F. MAMA

11 Memo

- ### 9. Storage Conditions

14 71 from TST report

2/7/68

ART 01925